## District 3 Schedule of Overhead Sign Structure Repair & Replacement

Division of Fighways District X, Orthwa  ROUTE 1-56 DESC	RIPTION		1	imestone Rest Area Mast Arm L	.oggi	Date ED BY	Larry	25/06 Mve
SECTION Limestone Rest Area Pontiac	LOCAT	ION .	SE 114	)_SEC. 6, TWP. 27N, RNG. 05E				
COUNTY Livingston DRILLING M	ETHOD		Ho	llow Stem Auger HAMMER TYPE	1	ME A	utoma	tic .
Station	D B L O W	U S	M O I S	Surface Water Elev. ft Stream Bed Elev. ft Groundwater Elev.;	D E P T	B L O W	U C S	M O I S
Station I Offset 25.00ft N. of exist_struct. Ground Surface Elev. ft (1)	1 S n) (76")	Qu (tsf)	T (%)	First Encounter ft V Upon Completion ft After Hrs. ft	H (ft)	S (16°')	Qu (ts1)	(%
Augered black, Silty Clay, and brown, Silty Clay Loam Till fill with large, Gravel pieces (debris) —				(Start of log: secondary hole) Hard, greenish gray, Silty Clay Loam ( weathered and reworked, Shale with Limestone pieces) (continued)		12 12 9	4.5 P	10
Hard, brown, Sitly Clay Loam Till fill ———————————————————————————————	기 4 기 9 기 8	4.0 P	13,8			5 9 12	>4.5 P	12
	3 3 3 3 3	2.0 P	238	Gray, highly fractured, Limestone with weathered, Till matrix with free H20 End of Boring	¥25	5 22 28	>4:5 P	
Stiff, gray brown. Sitty Clay Loam 10  Till, with pockets of Sit and large ocks in Till up to cobble sized ————————————————————————————————————	2 2 3	3.0 P	14.5					
	3 3 3 4	1.8 B	17.2		-30 			
	5   5   7	18 P	13.8					
Hard, gray, Silty Clay Loam Till with Boulders @ 19.5' (End of log: initial hole)	15   8   12   22	4.0 P	11.0		.55			
Auger refusal due to a Cobble/Boulder @ 19.0* Moved 8' north and continued	6 8 10	4,5 P			<u>-</u>			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer).

The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206).

BBS, from 137 (Rev. 8-99

ROUTE 1-55 DES	DESCRIPTION			Limestone Rest Area Mast Arm Li	LOGGED BY Larry Myen			
SECTION Limestone Rest Area Pontiac	LOCA	JION .	NE 1/	4, SEC. 7, TWP. 27N, RNG. 05E				
COUNTY Livingston DRILLING (	(ETHOC	·	Ho	llow Stem Auger HAMMER TYPE	E	MEA	<u>utoma</u>	ic
BORING NO. #2 NBL Station Offset 25 00ft N. of exist, struct.	D B L D L D W S H S M S M S M S M S M S M S M S M S M	Qu (tsf)	M O I S T	Surface Water Elev. ft. Stream Bed Elev. ft.  Groundwater Elev: ft.  First Encounter ft.  Upon Completion ft.  Surface Water Elev. ft.  ###################################	D Eeler W	B L O ⊗ S	် မော်ကောင်	M O I S T
Ground Surface Elev. ft   Augered brown, Silty Clay Loam Till fill with Gravel @ surface			182	After Hrs. ft Hard to very dense, gray, Limestone fragments in weathered, Shale matrix with pockets of green gray, Shale (weathered and reworked surface)		(/6") 100/5	(tsi)	(%) 8.4
Hard, brown, Sity Clay Loam Till fill	키 \$   5			Very hard drilling from 15-25' (continued)				
Hard, black, Slity Clay		4,0 P	20.3					
Very stiff, gray brown, Silty Clay Loam Till with pockers of Silty	<u>3</u> 8 3	1		Hard, gray, Shale	-20	100/5'		
Loam and Sand and Gravel	# 	21 S	18.9	End of Boring				52
	1     2       4     8	2.0 S	28.0		1			
Soft, gray, Loam/Clay Loam	10 2 2 2 3	05 P	16.1		_30 			
Very stiff, gray, Sandy Clay Loam Till with pockets of Sand and Gravel with free H20	2 2 2 10	23 P	149					
	16				-36			
Hard to very dense, gray, Limestone fragments in weathered. Shale matrix with pockets of green — gray, Shale (weathered and reworked surface) —	16   80   27		11.0					
Very hard drilling from 15-25	☐ 24 ☐ 42 ☐ 100/2		8.6					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Butge, S-Shear, P-Penetrometer). The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T205).

BBS, from 137 (Rev. 8-99)